



ALPHA ENERGY LABORATORIES

VIRGINIA DEPARTMENT OF HEALTH

c/o Alpha Energy Labs
2501 Mayes Road, Ste 100
Carrollton, TX 75006
DrHomeAir.com
(800) 324-5928

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Report & Sample Dates

DATE RECEIVED: 2/4/2019
REPORT DATE: 2/11/2019

Laboratory Certification Info

NRPP ID#: 101132 AL
STATE ID#: N/A
ELAP ID#: 11430 NY

RADON TEST REPORT

Sara P Shields
17086 L P Bailey Memorial Hwy
Nathalie, VA 24577 USA

YOUR RADON TEST RESULTS:

RADON LEVEL: **0.8 pCi/L**
TEST KIT SERIAL #: **AE763709**
LAB ID: 1923625

TEST ADDRESS: 17086 L P Bailey Memorial Hwy
Nathalie, VA 24577 USA

TEST FLOOR: 1st Floor
TEST LOCATION: Living Room
CLOSED HOUSE: Yes

TEST TYPE: Activated Charcoal
SAMPLE TYPE: Short Term
TEST METHOD: EPA-402-R-92-004

TEST START: 05:30 PM 01/30/2019
TEST END: 05:30 PM 02/01/2019
EXPOSURE: 48 Hours

RADON HEALTH RISK INFORMATION:

Radon is the second leading cause of lung cancer, after smoking. The more elevated a home's radon level, the greater the health risk to you and your family. Smokers and former smokers are at especially high risk.

Radon concentration is measured in picocuries per liter of air (pCi/L). The US Environmental Protection Agency and the Surgeon General strongly recommend taking further action when the home's radon test results are 4 pCi/L or greater. Even homes with very high levels can be reduced below 4 pCi/L. The EPA recommends that you use a NRPP/NRSB or state-approved contractor to correct radon problems. Radon levels less than 4 pCi/L still pose some risk and in many cases may be reduced. If the radon level in your home is between 2 pCi/L and 4 pCi/L, The US Environmental Protection Agency and the Surgeon General recommend that you consider correcting the problem in your home.

QA/QC - Short Term Radon Tests have an estimated accuracy of $\pm 5\%$ when used according to directions.

DISCLAIMER: Test results are only indicative of the sample as received by the lab. Incorrect information or improper procedures will affect results. Alpha Energy Labs did not provide sampling services unless otherwise indicated. This measurement is not necessarily predictive or supportive of measurements conducted at different times or different locations. Alpha Energy Labs is not responsible for the consequences of any action you do or do not take based on the test results. One sampler can test up to 2,000 square feet.

CONFIDENTIALITY: This report is confidential. If you receive the report in error, please inform the lab and destroy all copies.

Measurement Specialist / Laboratory Director

Date 2/11/2019

IF YOU HAVE QUESTIONS ABOUT WHAT YOUR RESULTS MEAN:

EPA National Hotline: (800) 557-2366, epa.gov/radon, or, call your State Radon Contact: (804) 864-8150

IF YOU HAVE QUESTIONS ABOUT HOW TO FIX A RADON PROBLEM:

Radon Fix-it Hotline: (800) 644-6999, epa.gov/radon, or, call your State Radon Contact: (804) 864-8150

WHAT DO MY TEST RESULTS MEAN?

If your test result is **below 2 pCi/L** you do not need to take further action at this time. The EPA recommends you retest every few years, and whenever you renovate the home.

If your test result is **between 2 pCi/L and 4 pCi/L** you should monitor your home. Your home is above the indoor average of 1.3 pCi/L. You can consider retesting now, or you can wait. However, The EPA recommends testing every 2 years to confirm your radon levels are not rising.

If your radon level is **4 pCi/L or greater** you should take further action. If this is your first test, The EPA recommends you conduct another test to confirm your initial reading. If you have tested multiple times and the average of those tests is above 4 pCi/L, you should fix your home.

HOW DANGEROUS IS MY RADON LEVEL?

RADON RISK IF YOU SMOKE

Radon Level	If 1,000 people were exposed to this level over a lifetime	The risk of radon induced lung cancer compares to	What To Do Next?
100 pCi/L	About 770 people could get lung cancer	110 times the risk of dying in a car crash	Fix your home
40 pCi/L	About 380 people could get lung cancer	95 times the risk of dying from poison	Fix your home
20 pCi/L	About 260 people could get lung cancer	250 times the risk of drowning	Fix your home
10 pCi/L	About 150 people could get lung cancer	200 times the risk of dying in a fire	Fix your home
4 pCi/L	About 62 people could get lung cancer	5 times the risk of dying in a car crash	Fix your home
2 pCi/L	About 32 people could get lung cancer	6 times the risk of dying from poison	Consider fixing between 2 & 4 pCi/L
1.3 pCi/L	About 20 people could get lung cancer	(Average indoor radon level)	(Reducing below 1 pCi/L is difficult)
0.4 pCi/L	About 3 people could get lung cancer	(Average outdoor radon level)	(Reducing below 1 pCi/L is difficult)

Note: If you are a former smoker your risk may be lower

Estimates are lifetime risk of lung cancer deaths from EPA Assessment of Risks from Radon in Homes (EPA 402-R-03-003)

RADON RISK IF YOU HAVE NEVER SMOKED

Radon Level	If 1,000 people were exposed to this level over a lifetime	The risk of radon induced lung cancer compares to	What To Do Next?
100 pCi/L	About 440 people could get lung cancer	63 times the risk of dying in a car crash	Fix your home
40 pCi/L	About 120 people could get lung cancer	30 times the risk of dying from poison	Fix your home
20 pCi/L	About 36 people could get lung cancer	35 times the risk of drowning	Fix your home
10 pCi/L	About 18 people could get lung cancer	20 times the risk of dying in a fire	Fix your home
4 pCi/L	About 7 people could get lung cancer	The risk of dying in a car crash	Fix your home
2 pCi/L	About 4 people could get lung cancer	The risk of dying from poison	Consider fixing between 2 & 4 pCi/L
1.3 pCi/L	About 2 people could get lung cancer	(Average indoor radon level)	(Reducing below 1 pCi/L is difficult)
0.4 pCi/L		(Average outdoor radon level)	(Reducing below 1 pCi/L is difficult)

Note: If you are a former smoker your risk may be higher

Estimates are lifetime risk of lung cancer deaths from EPA Assessment of Risks from Radon in Homes (EPA 402-R-03-003)

WHAT DO I DO NEXT?

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Type of Test	# of Times Tested	Test Result	What do I do next?	What test do I use? (If retesting)
Short Term (2-4 days)	1	<2 pCi/L	Retest every 2-3 years	Short Term
	1	2-4 pCi/L	Consider Retesting Now	Long Term or Short Term
	1	4-8 pCi/L	Retest Now	Long Term or Short Term
	1	>8 pCi/L	Retest Now	Short Term
Short Term (2-4 days)	2 or More	<2 pCi/L	Test every 2-3 years	Short Term
		2-4 pCi/L	Consider Fixing the Home	
		>4 pCi/L	Fix the Home	
Long Term (90-365 days)	1 or More	<2 pCi/L	Test every 2-3 years	Short Term
		2-4 pCi/L	Consider Fixing the Home	
		>4 pCi/L	Fix the Home	

HOW CAN I FIX A RADON PROBLEM?

If your radon level is at or above 4 pCi/L, you should fix your home. If your radon level is between 2 pCi/L and 4 pCi/L, you may wish to fix your home. For most homes, radon levels can be lowered to 2 pCi/L or lower.

We recommend only hiring contractors who are certified and trained in radon mitigation. To find a certified contractor you can:

Call your State Radon Contact at (804) 864-8150 or go to DrHomeAir.com/States

Go to DrHomeAir.com/Mitigation for a list of NRPP/NRSB certified contractors

Thank you for using our product. If you have future radon or mold testing needs, below is a coupon to purchase at discounted prices. You can fill out the coupon and return it to us, or order online using the coupon code: RADONREPORT

Mail in form or order online: DrHomeAir.com/Buy
Checkout coupon code: RADONREPORT

Product	Qty.	Special Price	Subtotal
Short Term Kit (2 - 4 Days)		\$10.76	
Real Estate Twin Pack (Two Short Term Kits + FedEx Return Postage)		\$26.96	
Long Term Kit (91 - 365 Days)		\$25.16	
Radon in Water Kit		\$25.16	
Mold Detection Kit		\$8.96	

Please Write Legibly

Checks can be made to
Alpha Energy Labs

Subtotal: _____

Shipping: \$ 3.50

Total: _____



**ALPHA ENERGY
LABORATORIES**

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Carrollton, TX 75006

Phone: (800) 324-5928
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Name _____

Address _____

City _____

State _____

ZIP Code _____

Phone _____

Email _____

Credit Card or Check No. _____

Exp. Date _____

Signature _____